

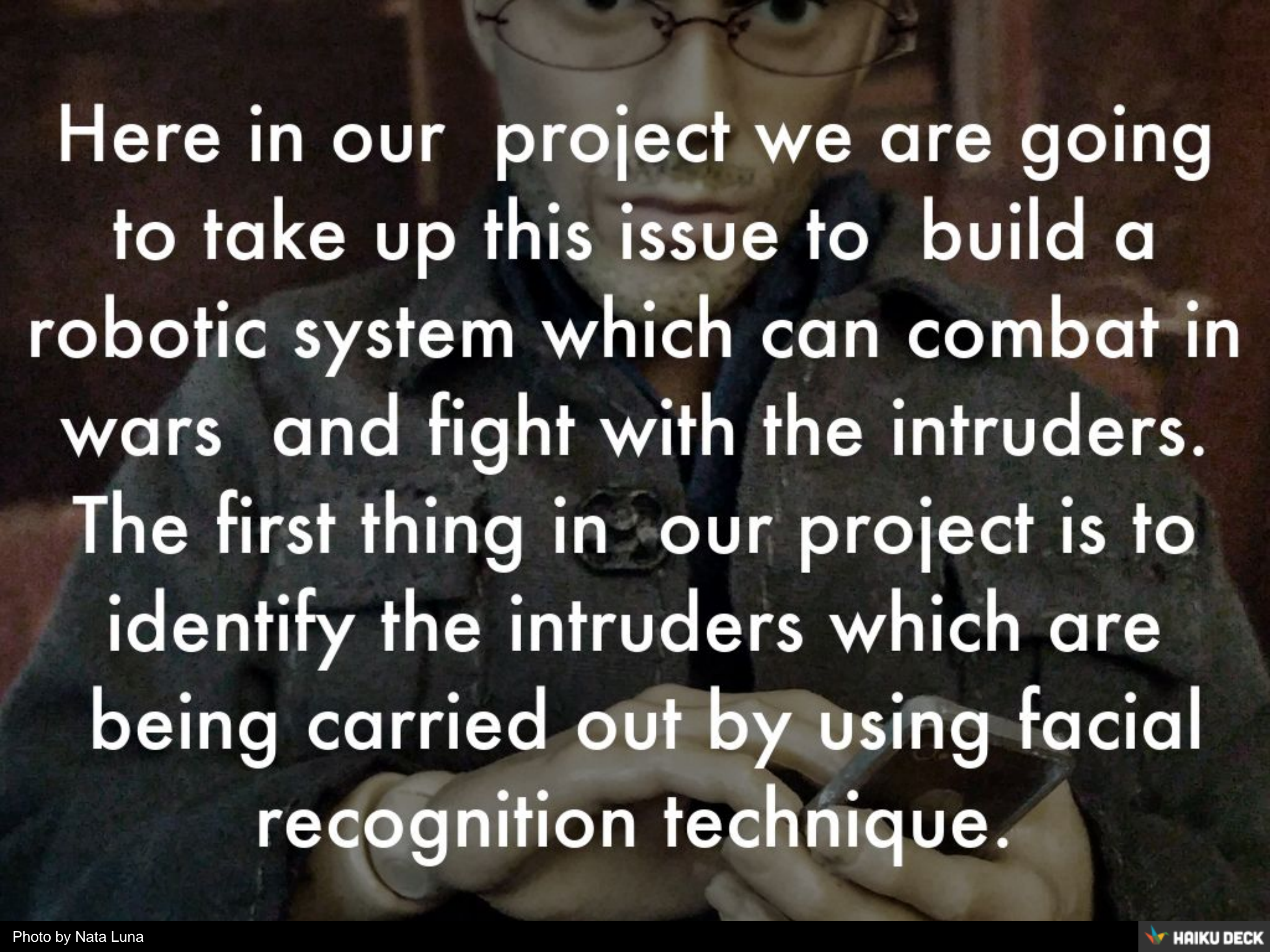
A close-up, high-angle shot of a 7th Sense multipurpose robot. The robot has a black chassis with a yellow track system. It is equipped with various sensors, including a camera mounted on a black arm, a laser range finder, and a GPS antenna. The robot is positioned on a dark, textured surface, possibly asphalt. A semi-transparent black banner with white text is overlaid across the middle of the image.

7th SENSE MULTIPURPOSE ROBOT FOR MILITARY

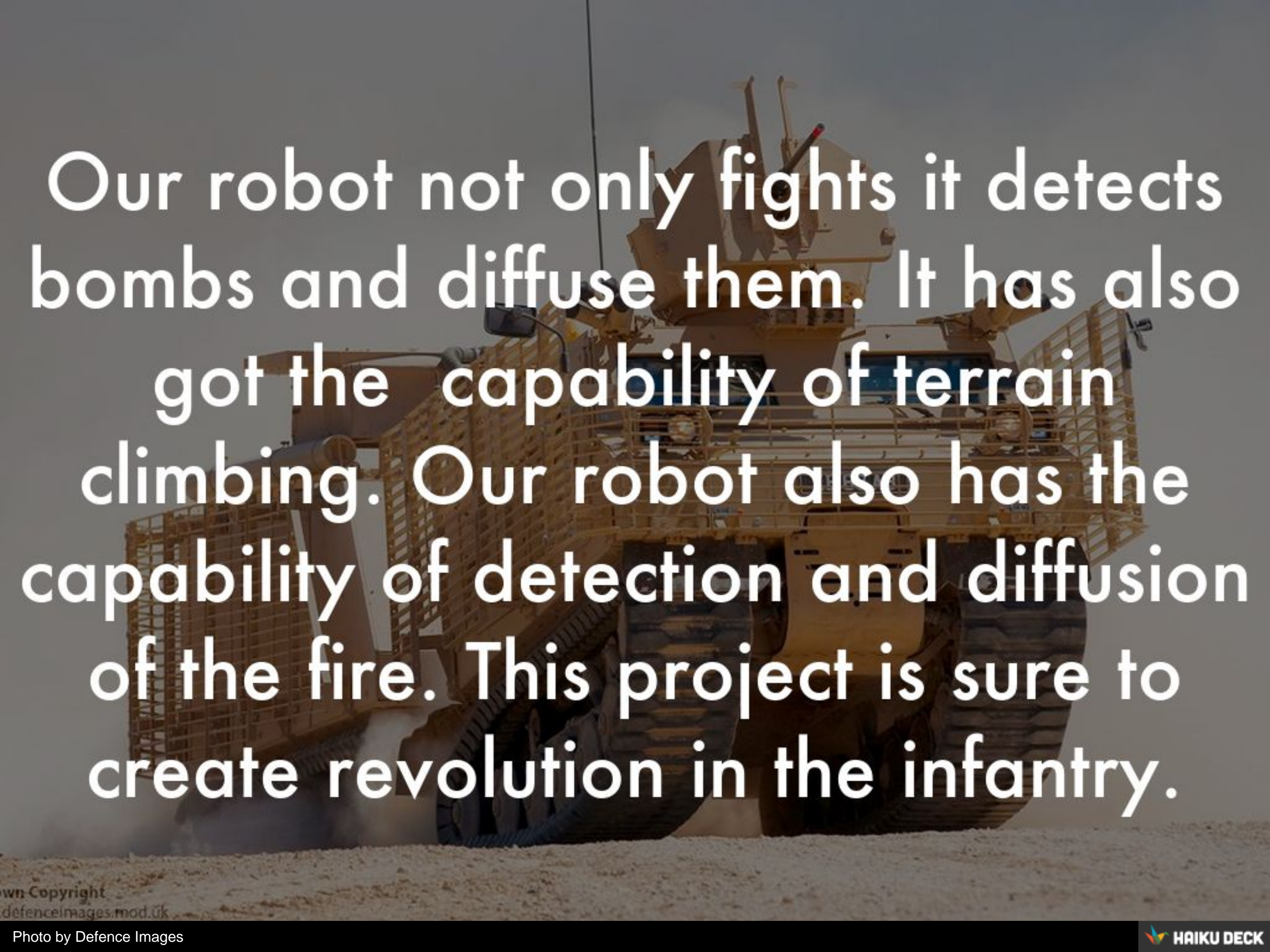
PRESENTED BY:
SUSHMA
PURUSHOTHAM
NIKHIL
BINDU SATWIK

INTRODUCTION

One can create life no one has the rights to destroy it. The saying goes like this. Right from the early stage millions of humans have fought for their country and have lost life.



Here in our project we are going to take up this issue to build a robotic system which can combat in wars and fight with the intruders. The first thing in our project is to identify the intruders which are being carried out by using facial recognition technique.



Our robot not only fights it detects bombs and diffuse them. It has also got the capability of terrain climbing. Our robot also has the capability of detection and diffusion of the fire. This project is sure to create revolution in the infantry.

EXISTING SYSTEM

There is much advancement in the field of engineering, robotics in particular. Many robotic systems have been developed for various purposes. There are certain systems which are used for automatic motion of vehicles in road and wheel chairs which can help disabled. There are also robotic systems which can be used for defense purposes

MODES OF OPERATING ROBOT

- **MANUAL MODE**
- **AUTOMATIC MODE**

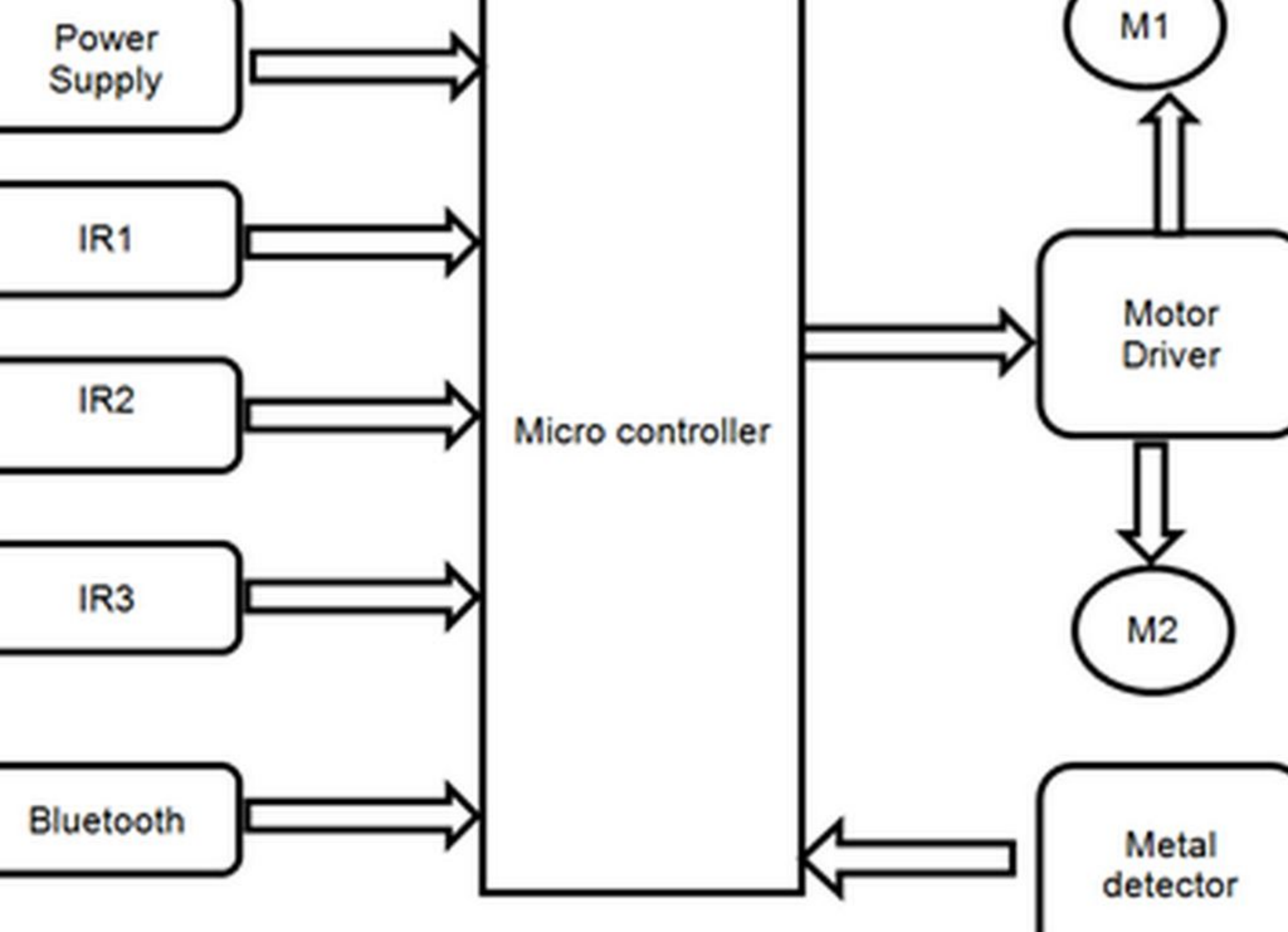
MANUAL MODE

In manual mode the robot is controlled by bluetooth which is intern controlled by using phone app.

AUTOMATIC MODE

unlike, in manual mode here the robot is controlled by using sensors.

sensors are connected to robot which helps in detecting the obstacles and changes its directions accordingly.



- M1 and M2 are the motors used to drive the motors
- Motor driver is used to connect the M1 and M2 motors to the controller

ADVANTAGES

One of the main advantages of our system is that the mode switching can be done very fast without any delay.

. It also helps to
provide medical aid for
needy

Our system can also be
used to detect and
defuse the bombs.

CONCLUSION

Thus our aim is to provide
a robotic system that can
combat in wars and other
military purposes



Any queries





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